

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Seppo Heimala et al.

Application No.: 10/564,479

Filing Date: January 13, 2006

Title: METHOD FOR SMELTING COPPER  
CONCENTRATES



Group Art Unit: 1742

Examiner:

Confirmation No.: 9194

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: July 26, 2006

By:

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OTPE LAPSS  
JUL 26 2006  
PATENT & TRADEMARK OFFICE

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The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

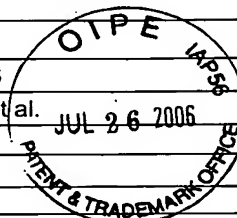
Date: July 26, 2006

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**FIRST**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

Application Number	10/564,479
Filing Date	January 13, 2006
First Named Inventor	Seppo Heimala et al.
Examiner Name	
Attorney Docket No.	1034281-000002



Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,108,495	A	Heimala et al.	04-28-1992
	4,152,142	A	Schlitt III et al.	05-01-1979
	3,632,308	A	Klein et al.	01-04-1972
	3,868,440	A	Linblad et al.	02-25-1975

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	2004/050925	A1	WO	06-17-2004					X		
	2000313924		JP	11-14-2000		X			X		
	2 363 969	A1	CA	05-26-2003					X		

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.